

# AgGPS MultiPlane

## Surface Drainage and Land Leveling Design Software

### Key Features And Benefits

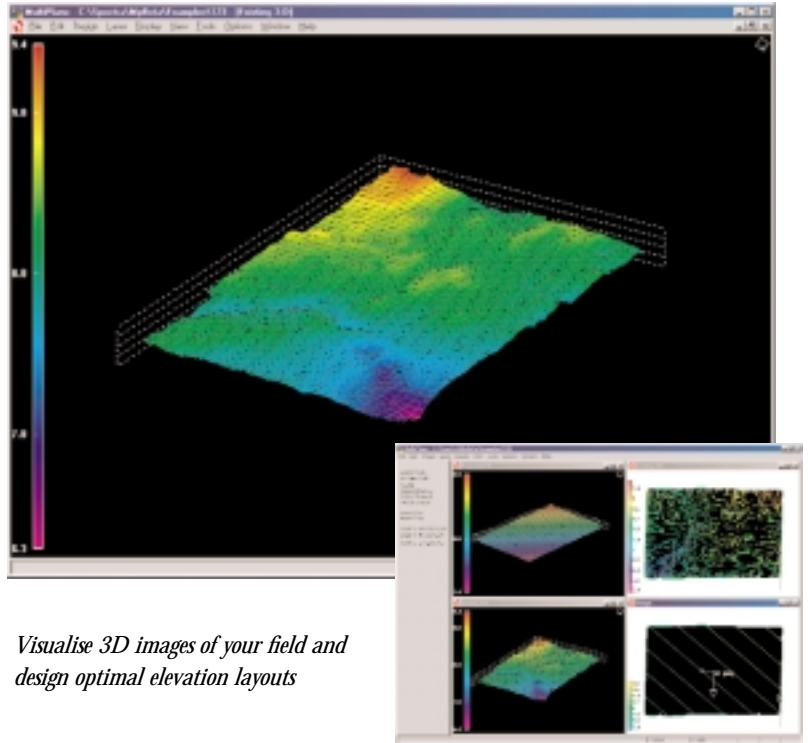
- Easy to use and learn user interface
- Design control for Geostar control system
- Design from topographic files collected with an AgGPS 214 RTK receiver and AgGPS 160 or AgGPS 170 system
- Imports industry-standard ESRI, Shapefile format
- Efficient design layout
- Maps, job layout and estimates

For years farmers have been improving their crop yields by using laser systems to level their fields for uniform drainage and runoff. The consistent water flow over the crops improves crop yields and ground consistency, which improves profits. AgGPS® MultiPlane® software is a tool used to help design drainage slopes for crop fields that can be graded with minimal dirt movement.

MultiPlane software is designed to work with the Trimble GeoStar® land forming system or a Trimble AgGPS Field Information System\* with an AgGPS 214 RTK high accuracy GPS receiver.

MultiPlane software reads field topographic surveys collected with an AgGPS Field Information System and AgGPS 214 receiver or GeoStar system and builds an existing surface model from the survey.

Use MultiPlane software to help you design how you want to level the field. Look at 3-D views of your field. Then use the slope information to set your laser for grading, or export the cut and fill design to a control file that the GeoStar system uses to automatically grade the field. Fields can be designed to



*Visualise 3D images of your field and design optimal elevation layouts*

be one uniformly sloped field or divided into multiple sections that can be individually designed.

AgGPS MultiPlane software allows the user to design the field, and when used with AgGPS AGIS, allows comparison of alternative designs based on investment versus expected return on investment. AgGPS AGIS is an agricultural information system that processes all precision agriculture data, and allows the user to make

informed decisions.

Please address any questions to your nearest Trimble Dealer or Trimble Agriculture Division salesperson. You can also visit our website at [www.trimble.com](http://www.trimble.com).

\* AgGPS Field Information System includes AgGPS 160 Portable Computer or AgGPS 170 Field Computer

# Trimble

# AgGPS MultiPlane

## Surface Drainage and Land Leveling Design Software

### STANDARD FEATURES

- Imports Shapefile through support of our Shape-to-Multiplane converter
- Imports industry standard files: Shape, DXF, and Generic Text files
- Surface Builder creates topography
- Best Fit Design
- Single Plane Design
- Fixed Elevation Design
- Automatic Elevation Design
- Support of Section Lines and Hinges
- Direct support of AgGPS 214 when used with AgGPS 160 Portable Computer or AgGPS 170 Field Computer or when used with Geostar system

### ASSOCIATED SOFTWARE

We recommend these software packages:

- WinZip from NicoMak Software to compress data for transfers and storage
- AgGPS AGIS/ViewPoint for display and analysis of topographic data and yield analysis compared to design.

### SYSTEM REQUIREMENTS

#### Computer

CPU:	Intel Pentium III or equivalent
System Memory (RAM):	128MB recommended. Note that system memory requirement changes with operating system choice
Video Card:	Capable of 16-, 24-, or 32-bit color operation
CD Drive:	Recommended for software installations
CD Writer:	Optional but useful

#### Operating System

- Win95 with Service pak #2 (Our system memory recommendation is 32 MB)
- Win 98 (Microsoft's system memory recommendation is 64 MB)
- Windows NT with Service Pak #4 (Our system memory recommendation is 128 MB)
- Win 2000 (Microsoft's system memory recommendation is 256 MB)

### ORDERING INFORMATION

AgGPS MultiPlane v1.4	PN: 0310-4000 (Order from Dayton)
AgGPS Shape to MultiPlane Converter:	PN 505MPC
AgGPS MultiPlane Annual Support:	PN 505MPA
AgGPS 160 Portable Computer:	PN 44940-00
AgGPS 170 Field Computer:	PN 38381-00
AgGPS High Accuracy Topo System with AgGPS 170:	PN 40104-10
AgGPS 214 Base Station System:	PN 38860-50
TrimComm 900M Base radio:	PN 34411-50

Purchase the full software via your nearest Trimble Dealer. You will need to provide the dealer with your name and contact details including e-mail address. You will also need to provide the System ID numbers that will allow the software to be fully activated.

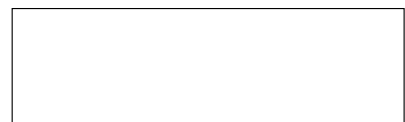
For further information please contact your nearest Trimble Authorized Distributor or Trimble Office. You may also visit our website at [www.trimble.com](http://www.trimble.com).



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Your Local Trimble Office or Representative

